

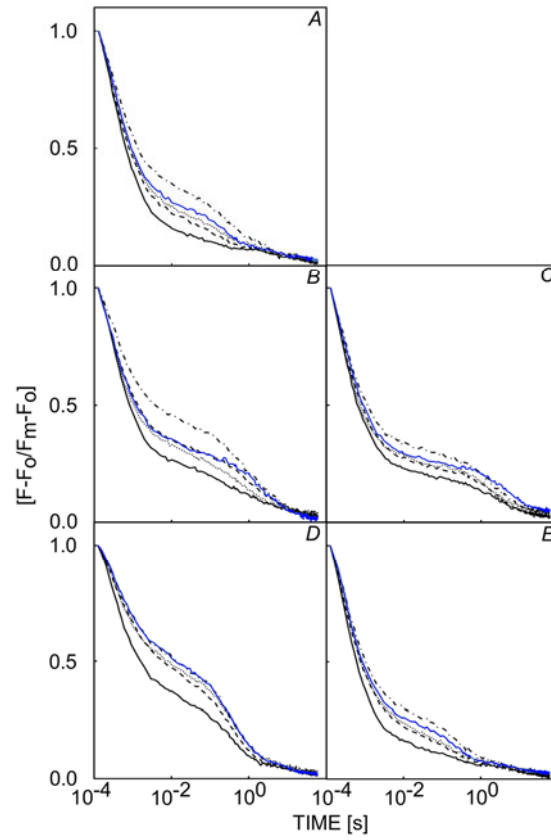


Fig. S5. Relaxation of chlorophyll *a* fluorescence after five saturating actinic flashes at 5 Hz. (A) No addition, (B) in the presence of DMBQ, (C) in the presence of DMBQ and sodium bicarbonate, (D) in the presence of sodium formate and (E) in the presence of sodium formate and sodium bicarbonate. Wild type (black line);  $\Delta$ PsbM (dots);  $\Delta$ PsbY (dashes);  $\Delta$ PsbM: $\Delta$ PsbY (dashes and dots) and Ycomp (blue line). Data are the average of three biological replicates.